

1. An ink jet receiving sheet comprising a support and at least one ink receiving layer, characterized in that said ink receiving layer comprises a high boiling organic solvent and a non-ionic surfactant dispersed in a hydrophilic binder.

2. The ink jet receiving sheet according to claim 1, characterized in that said high boiling organic solvent is present in an amount of from 1 to 10 g/m².

3. The ink jet receiving sheet according to claim 1, characterized in that said high boiling organic solvent is selected from the group consisting of alkyl carbonates, phosphoric esters, alkyl phthalates, dibutyl phthalate and alkylamides.

4. The ink jet receiving sheet according to claim 1, characterized in that said high boiling organic solvent is selected from the group consisting of dioctyl carbonate, tricresyl phosphate, bis(2-ethylhexyl) phthalate, dibutyl phthalate, diethyl lauramide.

5. The ink jet receiving sheet according to claim 1, characterized in that said non-ionic surfactant is present in an amount from 1 to 5 g/m².

6. The ink jet receiving sheet according to claim 1, characterized in that said non-ionic surfactant is selected from the class consisting of non-ionic hydrocarbon surfactant and non-ionic fluorinated surfactant.

7. The ink jet receiving sheet according to claim 6, characterized in that said non-ionic hydrocarbon surfactant is selected from the group consisting of ethers, esters, glycols, octylphenoxy polyethoxy ethanols, acetylenic diols, trimethyl nonylpolyethylene-glycol ethers, non-ionic esters of ethylene oxide, and non-ionic esters of ethylene oxide and propylene oxide.

8. The ink jet receiving sheet according to claim 6, characterized in that said non-ionic fluorinated surfactant is selected from the group consisting of perfluorinated polyethoxylated alcohols, fluorinated alkyl polyoxyethylene ethanols, fluorinated alkyl alkoxylates, fluorinated alkyl esters, and fluorine-substituted alkyl esters and perfluoroalkyl carboxylates.

9. The ink jet receiving sheet according to claim 1, characterized that said hydrophilic binder is gelatin.

10. The ink jet receiving sheet according to claim 1, characterized in that said receiving sheet comprises at least two ink receiving layers coated one on top of the other on the same side of the support, and in that said high-boiling organic solvent and said non-ionic surfactant are added to the ink receiving layer nearest to the support in an amount ranging from 1 to 10 g/m² and from 1 to 5 g/m², respectively.

PLEASE ADD THE FOLLOWING NEW CLAIMS:

11. An ink jet receiving sheet comprising a support and at least one ink receiving layer, characterized in that said ink receiving layer consists essentially of a high boiling organic solvent and a non-ionic surfactant dispersed in a hydrophilic binder.

12. The ink jet receiving sheet according to claim 11, characterized in that said high boiling organic solvent is present in an amount of from 1 to 10 g/m².

13. The ink jet receiving sheet according to claim 11, characterized in that said high boiling organic solvent is selected from the group consisting of alkyl carbonates, phosphoric esters, alkyl phthalates, dibutyl phthalate and alkylamides.

14. The ink jet receiving sheet according to claim 11, characterized in that said high boiling organic solvent is selected from the group consisting of dioctyl carbonate, tricresyl phosphate, bis(2-ethylhexyl) phthalate, dibutyl phthalate, diethyl lauramide.

15. The ink jet receiving sheet according to claim 11, characterized in that said non-ionic surfactant is present in an amount from 1 to 5 g/m².

16. The ink jet receiving sheet according to claim 11, characterized in that said non-ionic surfactant is selected from the class consisting of non-ionic hydrocarbon surfactant and non-ionic fluorinated surfactant.

17. The ink jet receiving sheet according to claim 16, characterized in that said non-ionic hydrocarbon surfactant is selected from the group consisting of ethers, esters, glycols, octylphenoxy polyethoxy ethanols, acetylenic diols, trimethyl nonylpolyethylene-glycol ethers, non-ionic esters of ethylene oxide, and non-ionic esters of ethylene oxide and propylene oxide.

18. The ink jet receiving sheet according to claim 16, characterized in that said non-ionic fluorinated surfactant is selected from the group consisting of perfluorinated polyethoxylated alcohols, fluorinated alkyl polyoxyethylene ethanols, fluorinated alkyl alkoxylates, fluorinated alkyl esters, and fluorine-substituted alkyl esters and perfluoroalkyl carboxylates.

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19. The ink jet receiving sheet according to claim 11, characterized in that said hydrophilic binder is gelatin.

20. The ink jet receiving sheet according to claim 11, characterized in that said receiving sheet comprises at least two ink receiving layers coated one on top of the other on the same side of the support, and in that said high-boiling organic solvent and said non-ionic surfactant are added to the ink receiving layer nearest to the support in an amount ranging from 1 to 10 g/m² and from 1 to 5 g/m², respectively.
